



Use the Color Selector

## INTRODUCTION

Several operations in EnSight require that you select a color. The Color Selector dialog is used throughout the user interface to provide a powerful and easy-to-use color selection mechanism.

## BASIC OPERATION

The selector operates using one of two basic color models: RGB or HSV. The RGB color model specifies color by the percentage of red, green, and blue and closely mimics the way computers deal with color. The HVS color model specifies colors as percentages of *hue* (the actual color with red equal to both 0.0 and 1.0, green equal to 0.33, and blue equal to 0.66), *saturation* (the “amount” of color, where 0.0 is white and 1.0 is full), and the *value* (the brightness, where 0.0 is black and 1.0 is full). The HSV model is often more intuitive for mixing custom colors. Although HSV is the default, you can switch to RGB by clicking the RGB toggle button.

The dialog provides four basic methods of selecting colors:

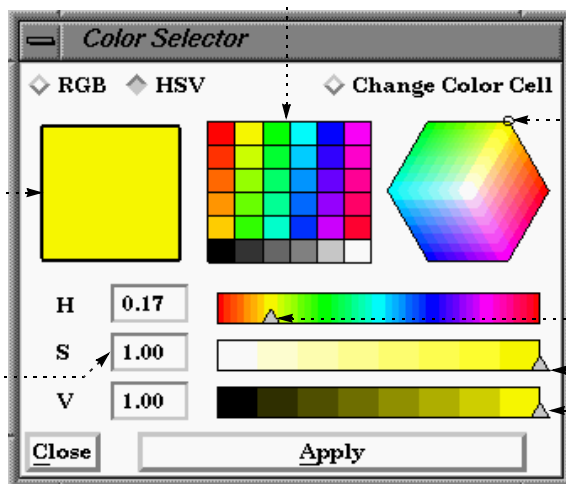
1. By picking one of the predefined colors from the grid of color cells.

2. By grabbing the marker in the color cube and moving it with the mouse.

Color square always displays the current color selection.

3. By entering values for HSV (or RGB, depending on mode) directly in the fields and pressing return.

4. By grabbing and moving the sliders associated with each color component.



When you have selected a color, click the Apply button to have the selected color applied to the object being edited (e.g. part, color map level, text, etc.).

## Specify Custom Colors

If you have colors that you use frequently that are not represented in the color grid, you can save them by replacing selected cells. Your custom colors are automatically saved for future sessions. To set custom colors:

1. Select the desired color using any of the methods described above.
2. Toggle on Change Color Cell.
3. Click in the color cell you wish to replace.
4. Continue to select colors and replace cells.
5. Toggle off Change Color Cell when done.

The color information is saved in `~/ensight7/ensight.colpal.default`.

## SEE ALSO

User Manual: [Color Selector](#)